

ABSTRACT OF THE DISCLOSURE

A source of sputtered deposition material has, in one embodiment, a torus-shaped plasma generation area in which a plasma operates to sputter the interior surface of a toroidal cathode. In one embodiment, the sputtered deposition material
5 passes to the exterior of the source through apertures provided in the cathode itself. A torus-shaped magnetic field generated in the torus-shaped plasma facilitates plasma generation, sputtering of the cathode and ionization of the sputtered material by the plasma.